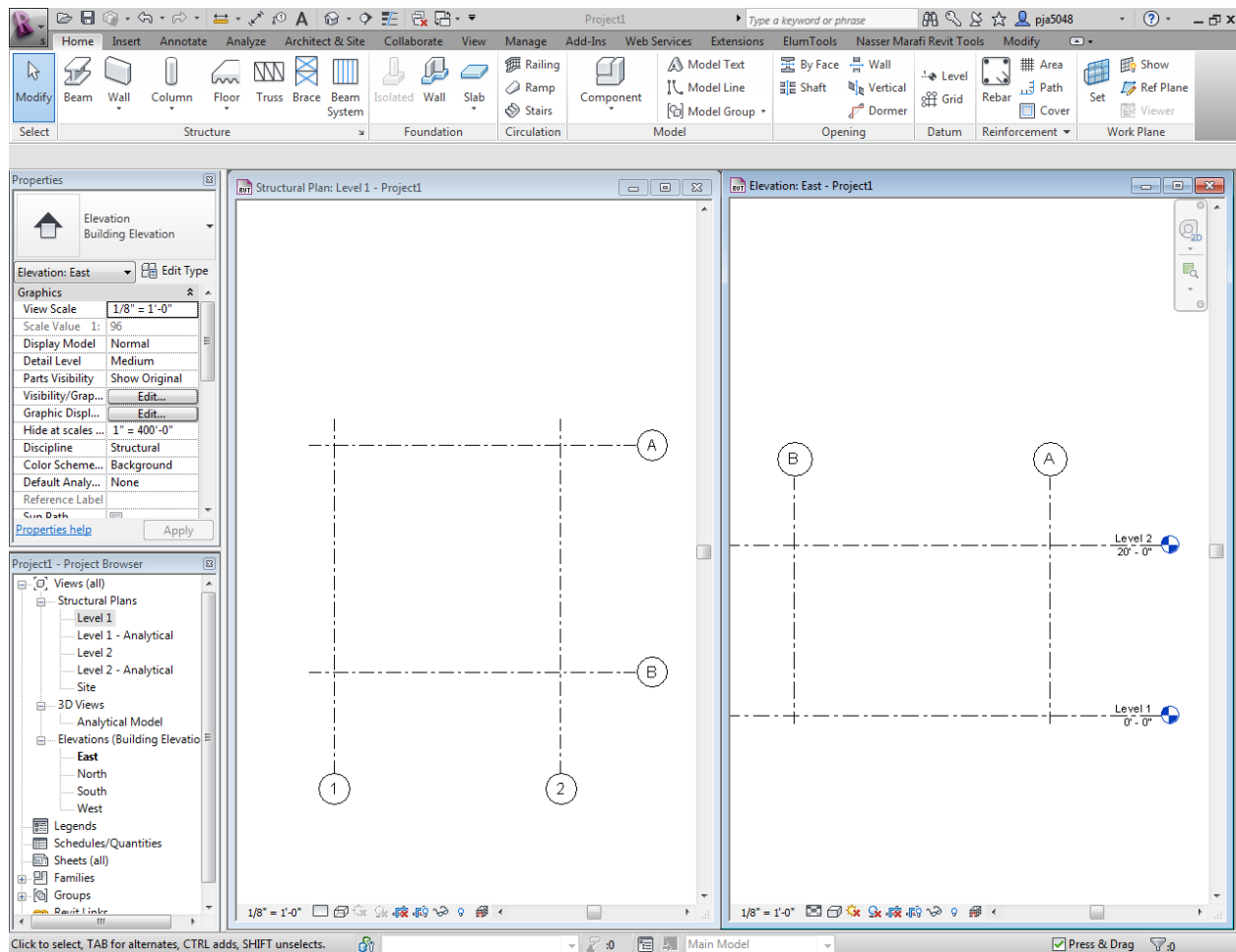


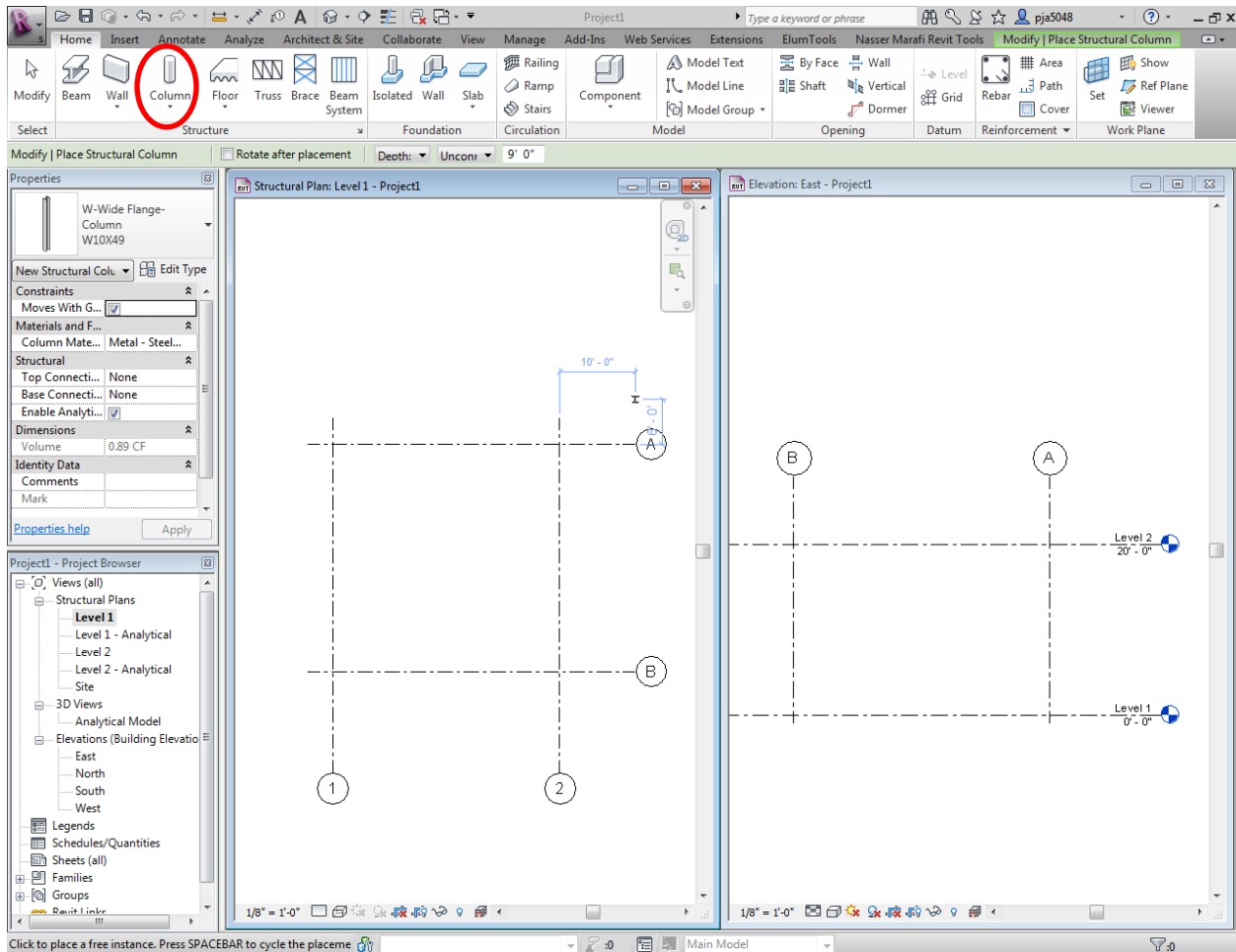
Placing Slanted Columns in Revit Structure

This BIMWiki will show you how to place a slanted column in your building on Revit Structure. On past versions of Revit Structure this used to be a difficult task, but the 2012 version of Revit has made it much easier. This will just be a quick and easy run-through on how to place a slanted column.

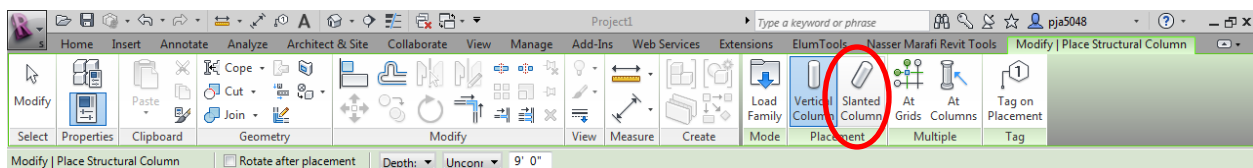
I will start with a simple grid plan with two grids in each direction and two levels, as you see here



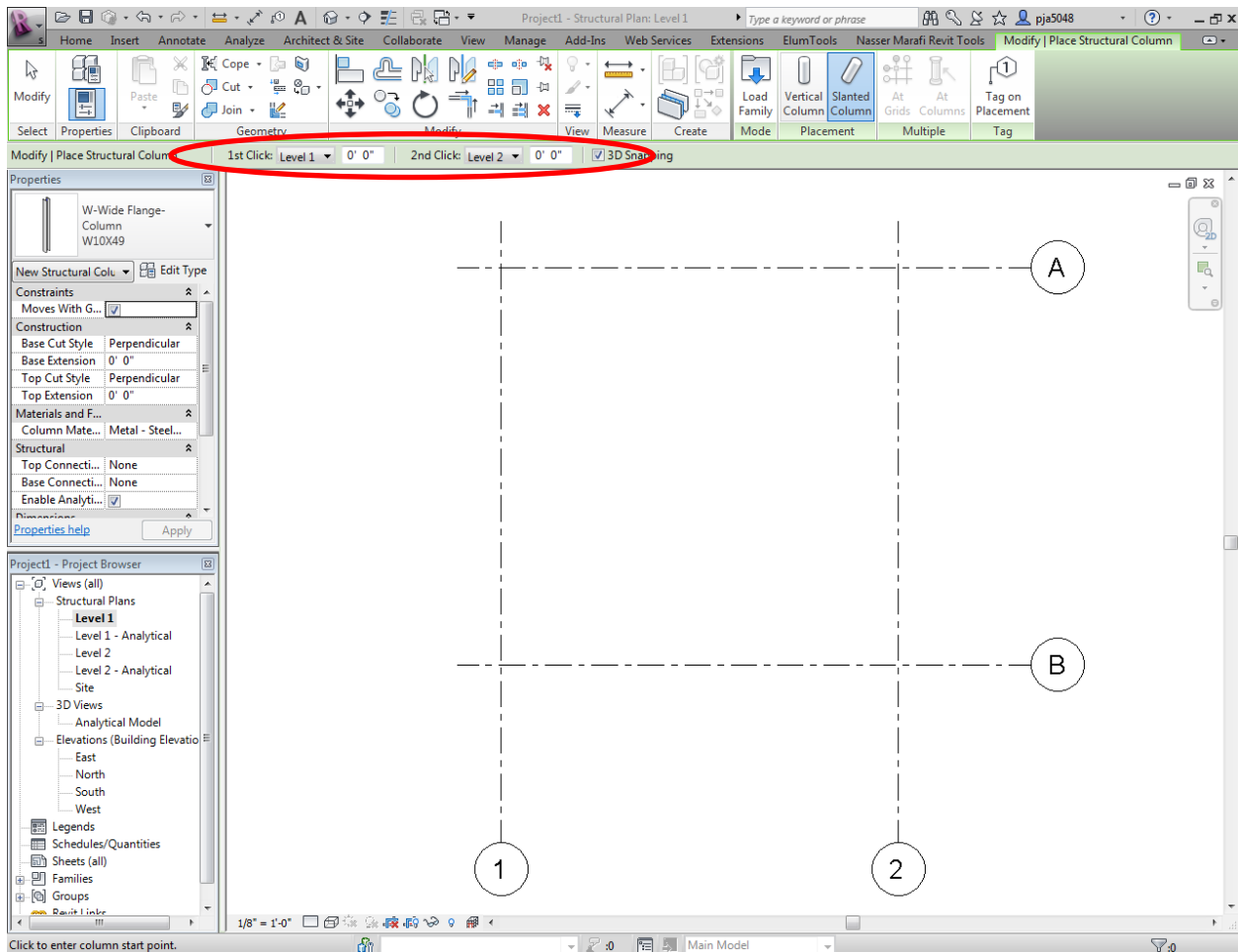
Select the “Column” option under the home tab to place a column



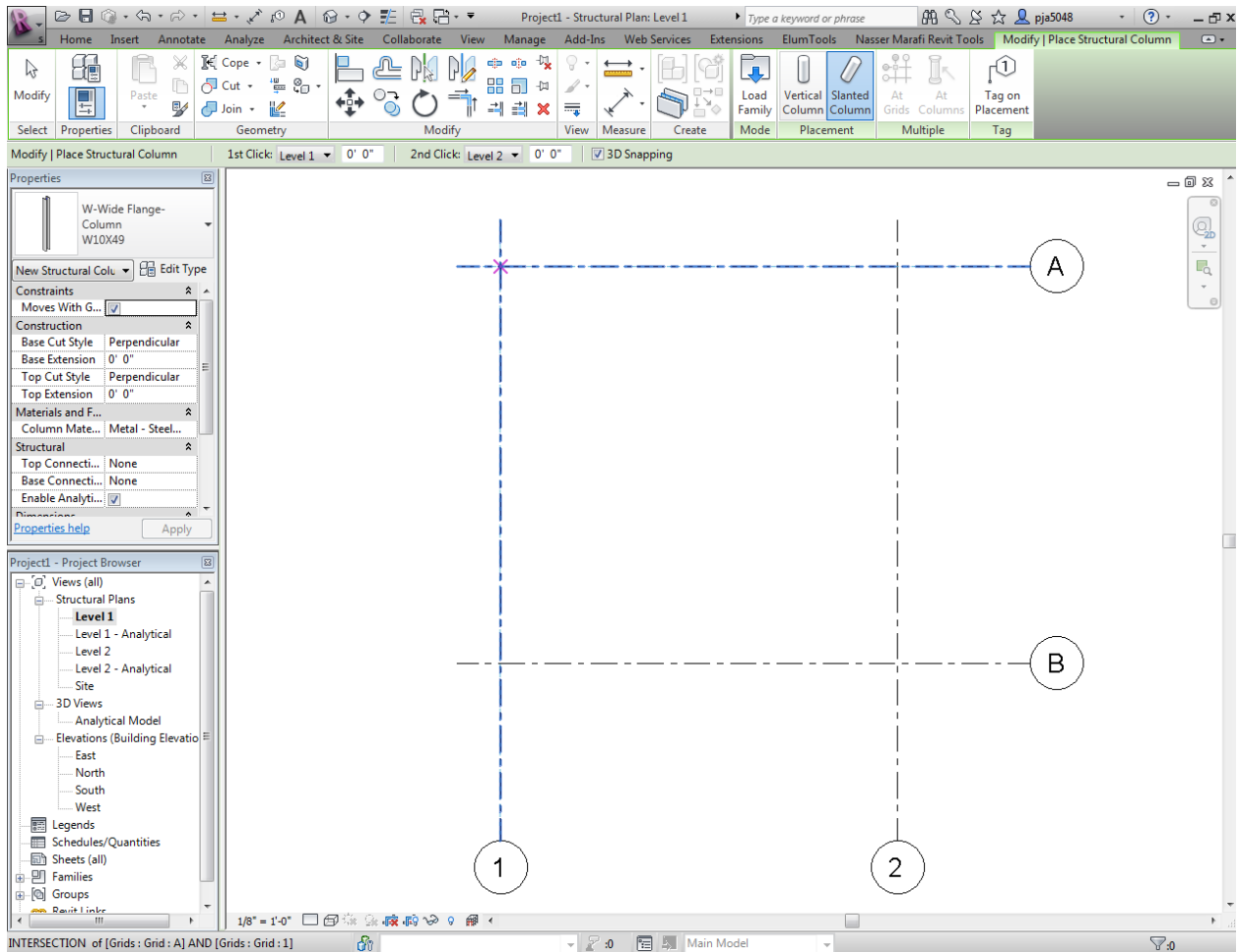
The default placement of columns is vertical columns. Select “slanted column” in the placement tab



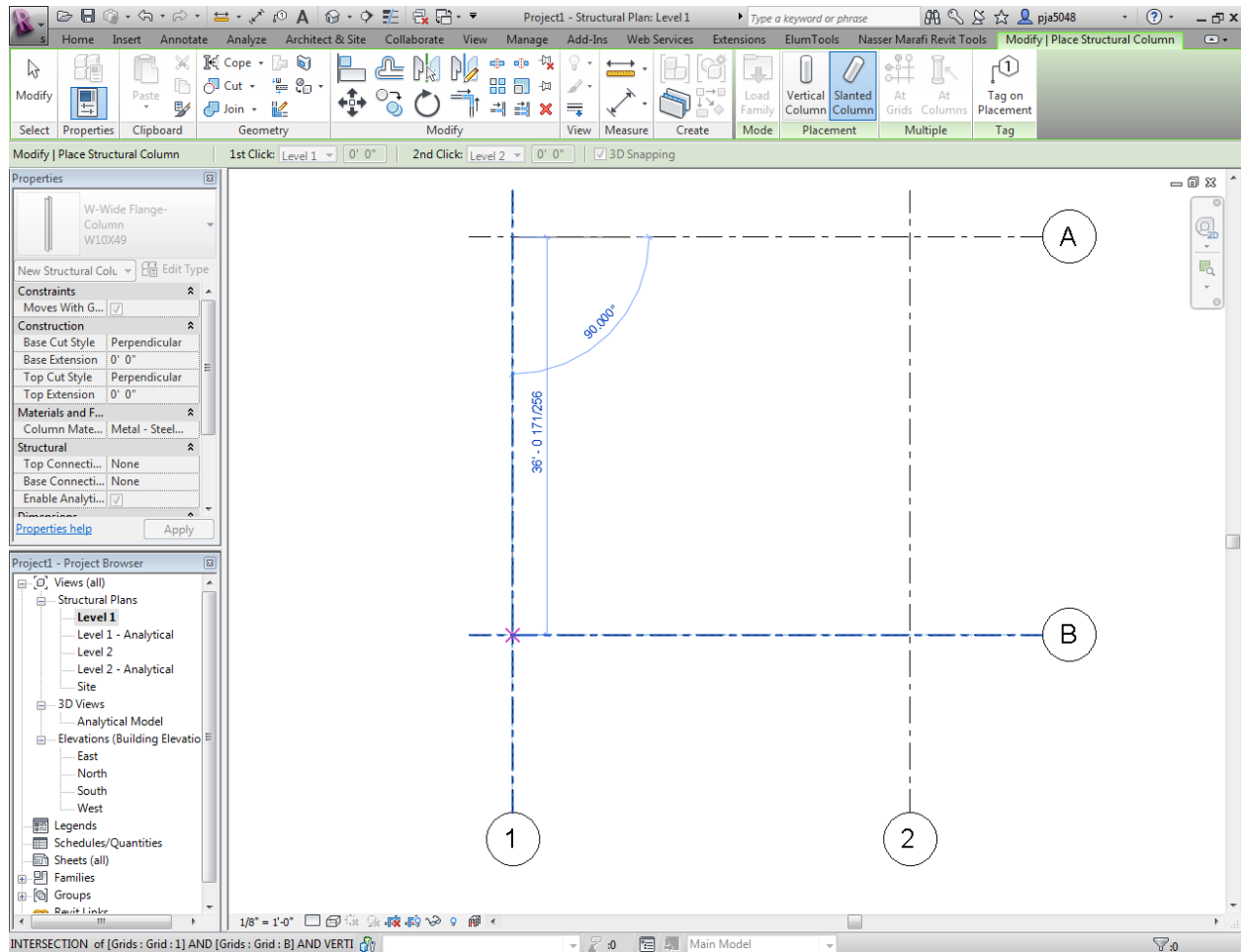
Once you have selected “slanted columns,” you can place a column on any floor plan. You will do this by making two clicks. Your first click will place the bottom of the column and the second click will place the top of the column. You will designate what levels the top and bottom will be on by the tab above the floor plan screen. (Note: The 0’0” next to the level selection is for offsets. If you want the top or bottom of your column to be offset at all input the dimension here.)



Select the first column placement point (bottom of the column).

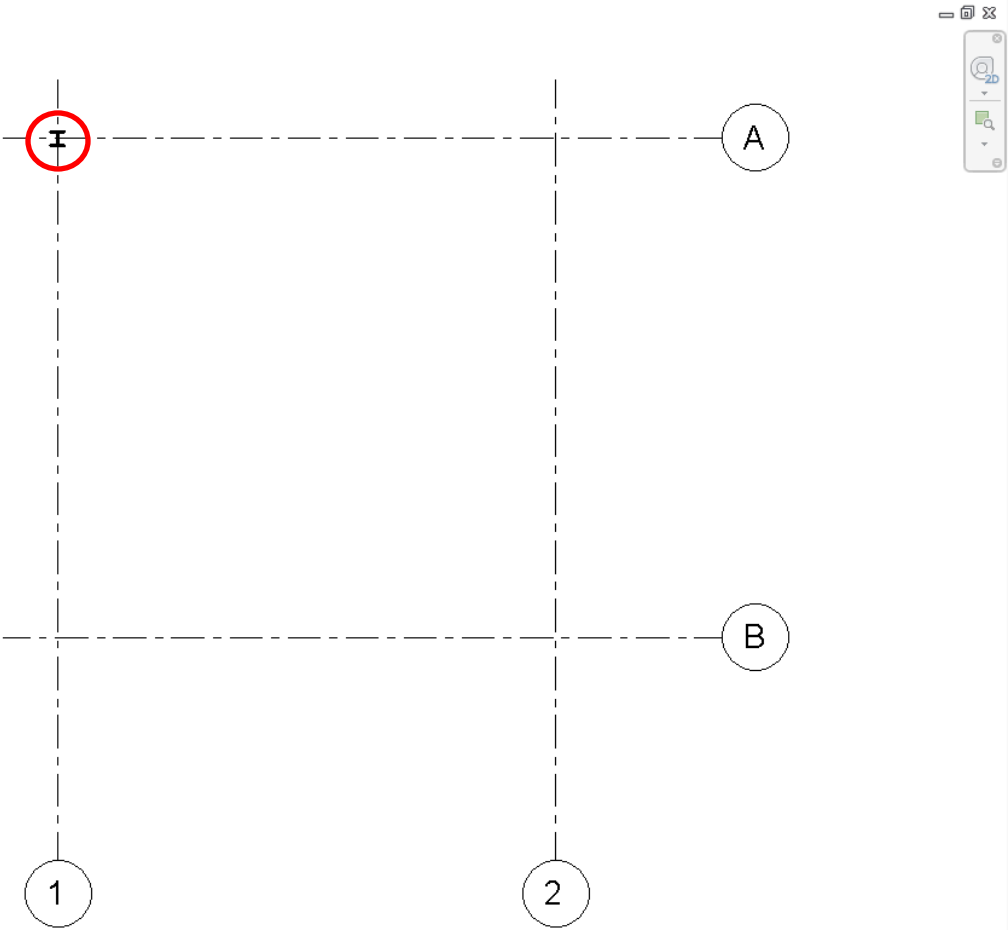


Select the second column placement point (top of column).

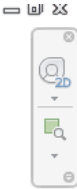
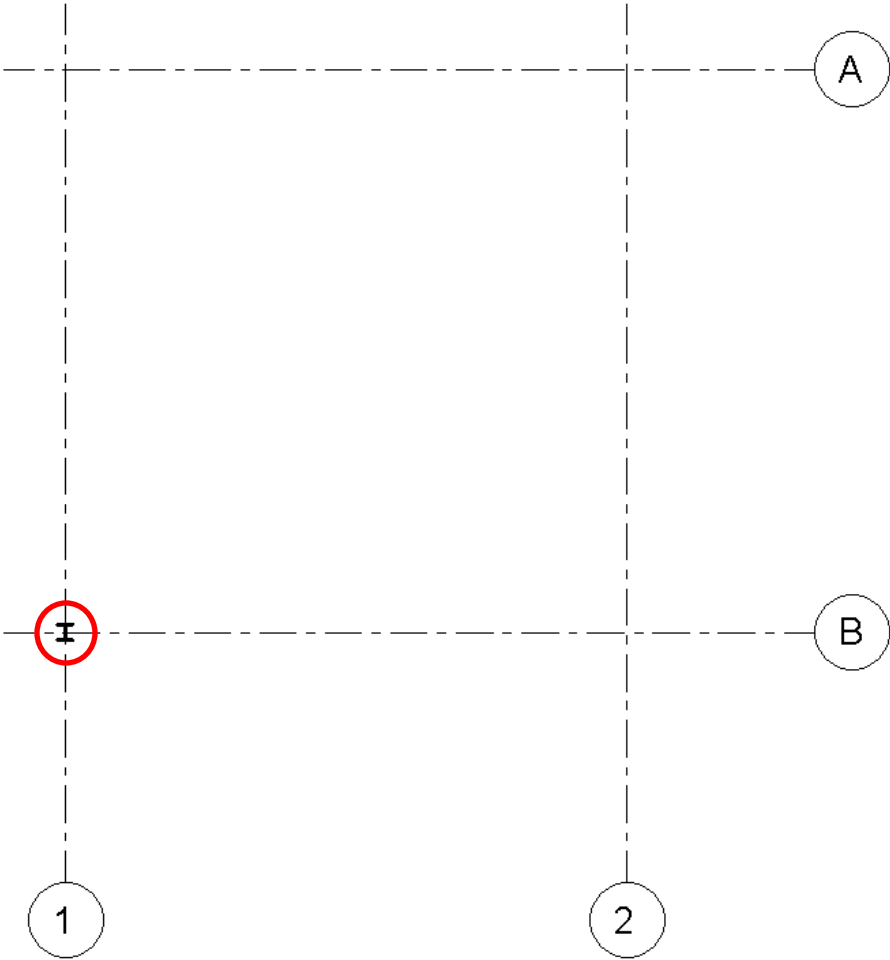


Your column is now placed. One thing to be aware of is your column will appear as a cross section on your floor plan where it crosses that level.

Level 1



Level 2



You will be able to see your slanted column in the 3D view as well

